

UGC NET JUNE 2019 PAPER 1 (PAPER 1 HELD ON 26TH JUNE 2019)

Q.1 In which of the following research paradigms the focus of concern is on interpreting reality in terms of participant's perspective?

- (a) Experimental Research
- (b) Ex-post facto Research
- (c) Ethnographic Research
- (d) Survey Research

Q.2 ERIC, MEDLINE and ABI/INFORM are instances of

- (a) Citation services
- (b) Electronic databases
- (c) Printed databases
- (d) Libraries

Q.3 Student-Centric Classroom is meant for

- (a) Addressing the individual differences
- (b) Reducing teacher- oriented lecture
- (c) Recalling the previous knowledge
- (d) Engaging the entire class

Q.4 The following teaching aids can be used by a teacher in the classroom as a live interactive device:

- (a) E-mail
- (b) Skype
- (c) On-line Chat
- (d) Tele-conferencing
- (e) Face-book
- (f) Blog

Select your answer from the options given below:

- (1) (a), (b) and (c)
- (2) (b), (c) and (d)
- (3) (c), (e) and (f)
- (4) (a), (b) and (d)

Q.5 What is the main objective of formative evaluation?

- (a) To promote students to the next class
- (b) To enhance student's learning
- (c) To enhance co-operation in class
- (d) To understand the learning difficulties

Q.6 Below are given two Columns. Column-A presents the methods of teaching and Column-B presents the focus of a method. Match the two Columns.

Column-A (Methods of Teaching)	Column-B (Focus of a Method)
(a) Collaborative Method	(i) When expertise of teachers are used in teaching
(b) Co-operative Method	(ii) When emphasis is given on students as creator of knowledge
(c) Constructivist Method	(iii) When students share different aspects of learning activity
(d) Team teaching	(iv) When students help each other to learn

Select your answer from the options given below :

- | | | | | |
|---|-------|-------|-------|------|
| | (a) | (b) | (c) | (d) |
| 1 | (i) | (ii) | (iii) | (iv) |
| 2 | (iii) | (iv) | (ii) | (i) |
| 3 | (iv) | (iii) | (ii) | (i) |
| 4 | (ii) | (iv) | (iii) | (i) |

Q.7 Research design that needs to collect factual information on a continuing basis is classified as

- (a) Longitudinal Study Design

- (b) Pre and Post Study Design
- (c) Cross-Sectional Study Design
- (d) Double-Control Study Design

Q.8 A tentative proposition with unknown validity that specifies a relationship between two or more variables is called

- (a) Research problem
- (b) Research proposal
- (c) Research design
- (d) Research hypothesis

Q.9 A teacher intends to find out the learning difficulties of students. Which of the following tests can be used?

- (a) Summative Test
- (b) Formative Test
- (c) Performance Test
- (d) Diagnostic Test

Q.10 Snowball sampling is the process of selecting a sample using

- (a) Networks
- (b) Groups
- (c) Snowballs
- (d) Computer Programs

Comprehension:

An important difference between human beings and animals is the property of language. Animals have a rudimentary information process but this process does not have the sophistication and complexity of human language. If two dogs communicate, they pass on information but they can't discuss details the way humans can. While human s are blessed to possess the language faculty, most of the time they don't utilize it to its greatest potential. Perhaps this is because human beings tend to react rather than respond. And a lot of the message of languages is lost in this reaction.

In the daily use of language, people forget the complex process involved in order to put even one word in place. The wonder of this process lies in the fact that it is involuntary in nature, the whole set of chain processes right from the command in the brain to the forming of words from the message required to the movement of the vocal chords and

corresponding movements in the lungs and mouth takes place within seconds. Perhaps the whole suggestion of 'think before you speak may lead to a silent world!

In the world of daily interaction, language becomes a marker and a means of projecting identity. The people around us identify us with a certain style of using language and unknowingly, each language user follows this style by habit. It is not a bad idea to record one's spoken communication from time to time, as this will assist in removing any unwanted elements that the speech may be expressing. Similarly, it is a good idea to step back once in a while and read one's written communication objectively.

Sub Question No: 11

Q.11 Which of the following forms is assumed by the language style of a person?

- (a) a reaction
- (b) a habit
- (c) a response
- (d) a thought

Comprehension:

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Sub Question No: 12

Q.12 The world will become a silent place if people will think

- (a) too much
- (b) before listening
- (c) before responding
- (d) before speaking

Comprehension:

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Sub Question No: 13

Q.13 When human beings react rather than respond

- (a) They lose the message
- (b) They lose control
- (c) They become emotional
- (d) They can't speak

Comprehension:

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Sub Question No: 14

Q.14 Animals do not possess language because

- (a) the power of speech is missing
- (b) the life breath is missing
- (c) the level of complexity is missing
- (d) the information- sharing is missing

Comprehension:

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Sub Question No: 15

Q.15 The process of language is a wonder because it is

- (a) a reaction
- (b) a response
- (c) smooth
- (d) involuntary

Q.16 Consider the argument provided below:

“Sound is impermanent because it is invisible”

Identify the fallacy involved in the above argument on the basis of Indian logic

- (a) Fallacy of irrelevant reason
- (b) Fallacy of wrong assertion
- (c) Fallacy of trivial reason
- (d) Fallacy of contradictory reason

Q.17 A person incurs 10% loss by selling a watch for Rs.1,800. At what price should the watch be sold to earn 10% profit?

- (a) Rs. 1980
- (b) Rs. 2,160
- (c) Rs. 2,200
- (d) Rs. 2,360

Q.18 Two cyclists start from the same place in opposite directions. One goes towards north at 9 kmph and the other goes towards south at 10 kmph. What time will they take to be 47.5 km apart?

- (a) $2\frac{1}{2}$ hrs
- (b) $4\frac{1}{2}$ hrs
- (c) $4\frac{1}{4}$ hrs
- (d) $2\frac{1}{4}$ hrs

Q.19 Which of the following elements a good classroom communication should adopt?

- (a) Concreteness
- (b) Courtesy
- (c) Filibustering
- (d) Fictionalisation

(e) Coherence

Choose the answer from the options given below:

- (1) (a), (b) and (d)
- (2) (b), (d) and (e)
- (3) (a), (b) and (e)
- (4) (a), (c) and (d)

Q.20 Identify the minor term in the following syllogism:

"Some books are not edifying

All books are interesting

Therefore, some interesting things are not edifying"

- (a) Subject of the conclusion and predicate of the second premises
- (b) Predicate of the conclusion and predicate of the first premises
- (c) Subject of the both premises
- (d) Predicate of the both premises

Q.21 The average age of a class of 59 students is 18 years. If the age of the teacher is included, then the average increases by 3 months. The age of the teacher is

- (a) 28 years
- (b) 30 years
- (c) 33 years
- (d) 35 years

Q.22 The reasoning which would be helpful in finding new knowledge of facts about the world is

- (a) Speculative
- (b) Inductive
- (c) Deductive
- (d) Analogical

Q.23 In a class of 35 students, Rajan is placed seventh from the bottom where as Karan is placed ninth from the top. Divya is placed exactly in between the two. What is the differences in the positions of Raja n and Divya?

- (a) 9

- (b) 10
- (c) 11
- (d) 13

Q.24 In the context of a classroom teaching 'Smiles or Frowns' when used as non-verbal cues, tend to perform which of the following basic functions?

- (a) Contradicting the verbal cue function
- (b) Regulating the verbal cue function
- (c) Substitute function
- (d) Supplement function

Q.25 Consider the example provided below :

“This gavaya is like my cow”

This is an example of which means of knowledge ((pramana)

- (a) comparison
- (b) implication
- (c) perception
- (d) inference

Q.26 If DRIVER = 12, GOVERNMENT = 20, BELIEVED = 16, then BAT =?

- (a) 6
- (b) 8
- (c) 10
- (d) 12

Q.27 Non-verbal communication is mostly

- (a) Mechanical
- (b) organic
- (c) unstructured
- (d) structured

Q.28 Below are given two sets in which Set I describes the types of listener involved in communication, while Set II indicates their characteristics:

Set-I (Types of listener involved in Communication)	Set-II (Characteristics)
(a) Non Listener	(i) is engaged in information other than the one needed
(b) Marginal Listener	(ii) receives information without processing the significance in the context of communication
(c) Evaluative Listener	(iii) looks into the relevance of the information for understanding its implication
(d) Active Listener	(iv) pays heed to the communicated information occasionally

Match the two sets and give your answer by choosing from the options:

	(a)	(b)	(c)	(d)
1	(iv)	(iii)	(ii)	(i)
2	(iii)	(iv)	(i)	(ii)
3	(ii)	(i)	(iii)	(iv)
4	(i)	(iv)	(ii)	(iii)

Q.29 Which of the following principles a good communicator should follow?

- (a) He should stay organized
- (b) He should avoid the use of visuals
- (c) He should be authoritarian
- (d) He must adjust to the medium
- (e) He should prefer the method of story-telling

Choose the correct answer from the options given below:

- (1) (a), (b) and (c)
- (2) (b), (c) and (e)
- (3) (b), (d) and (e)
- (4) (a), (d) and (e)

Q.30 The price of item A increases by 50 paise every year while the price of item B increases by 25 paise every year. If in 2008, the price of item A was Rs. 3.20 and that of B was Rs. 5.30, in which year item A will cost 40 paise more than the item B?

- (a) 2016
- (b) 2017
- (c) 2018
- (d) 2019

Comprehension:

The year-wise student strength in a university from different zones of the country in addition to those students who are from foreign countries is shown in table given below:

Student Strength (in hundreds)

Year	North Zone	South Zone	Central Zone	West Zone	East Zone	Foreign Countries
2014	15.1	10.2	6.2	4.0	8.2	1.2
2015	16.2	11.5	5.8	4.1	7.8	1.6
2016	17.2	11.8	6.0	4.5	8.5	1.7
2017	17.4	10.8	6.5	4.8	7.6	1.8
2018	18.0	10.6	6.4	5.4	8.6	2.5

Sub Question No: 31

Q.31 Which was the year when the students from east zone had maximum representation (%) in the total student strength of the university?

- (a) 2016
- (b) 2018
- (c) 2014

(d) 2015

Comprehension:

The year-wise student strength in a university from different zones of the country in addition to those students who are from foreign countries is shown in table given below:

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2016	17.2	11.8	6.0	4.5	8.5	1.7
2017	17.4	10.8	6.5	4.8	7.6	1.8
2018	18.0	10.6	6.4	5.4	8.6	2.5

Sub Question No: 32

Q.32 What was the percentage (%) of students from foreign countries in the year 2018?

- (a) ~4.21%
- (b) ~3.52%
- (c) ~5.24%
- (d) ~4.85%

Comprehension:

The year-wise student strength in a university from different zones of the country in addition to those students who are from foreign countries is shown in table given below:

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2016	17.2	11.8	6.0	4.5	8.5	1.7
2017	17.4	10.8	6.5	4.8	7.6	1.8
2018	18.0	10.6	6.4	5.4	8.6	2.5

Sub Question No: 33

Q.33 Which category of students have registered overall maximum growth rate (%) from 2014 to 2018?

- (a) Foreign Countries
- (b) West Zone
- (c) North Zone
- (d) East Zone Options

Comprehension:

The year-wise student strength in a university from different zones of the country in addition to those students who are from foreign countries is shown in table given below:

Student Strength (in hundreds)

Year	North Zone	South Zone	Central Zone	West Zone	East Zone	Foreign Countries
2014	15.1	10.2	6.2	4.0	8.2	1.2
2015	16.2	11.5	5.8	4.1	7.8	1.6
2016	17.2	11.8	6.0	4.5	8.5	1.7
2017	17.4	10.8	6.5	4.8	7.6	1.8

2018	18.0	10.6	6.4	5.4	8.6	2.5
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Sub Question No: 34

Q.34 During the period 2014-2018, which zone exhibits cyclic variation?

- (a) East zone
- (b) West zone
- (c) Central zone
- (d) South Zone

Comprehension:

The year-wise student strength in a university from different zones of the country in addition to those students who are from foreign countries is shown in table given below:

Student Strength (in hundreds)

Year	North Zone	South Zone	Central Zone	West Zone	East Zone	Foreign Countries
2014	15.1	10.2	6.2	4.0	8.2	1.2
2015	16.2	11.5	5.8	4.1	7.8	1.6
2016	17.2	11.8	6.0	4.5	8.5	1.7
2017	17.4	10.8	6.5	4.8	7.6	1.8
2018	18.0	10.6	6.4	5.4	8.6	2.5

Sub Question No: 35

Q.35 What is the mean of annual growth rates (%) of the student strength of north zone?

- (a) 6.24

- (b) 4.51
- (c) 3.86
- (d) 4.82

Q.36 NMEICT is an acronym for

- (a) National Massive Education through Information and Communication Technology
- (b) National Mission on Education through Information and Communication Technology
- (c) National Multipurpose Education through Information and Communication Technology
- (d) National Mode of Education through Information and Communication Technology

Q.37 Which of the following commission/committee in the post-independent India has paid attention all the levels of education?

- (a) Radhakrishnan Commission
- (b) Mudaliar Commission
- (c) Kothari Commission
- (d) Acharya Rammurthi Committee

Q.38 The scheme "Unnat Bharat Abhiyan" aims to

- (a) Increase strength of students in colleges in India
- (b) Link higher educational institution in the country with at least 5 villages
- (c) Increase quality in Higher Education
- (d) Increase number of colleges in India

Q.39 Identify the encompassing term that involves the use of electronic platforms to conduct a company's business.

- (a) E-Business
- (b) E-Commerce
- (c) E-Marketing
- (d) E-Governance

Q.40 Which of the following is the largest sink of CO₂ gas?

- (a) Forests

- (b) Oceans
- (c) Ice sheets
- (d) Grasslands

Q.41 Which of the following is generally associated with the domain name of an educational institution?

- (a) .org
- (b) .edu
- (c) .com
- (d) .inst

Q.42 One of the parameters used to characterise the air quality at a location is PM_{2.5}. Here, the suffix '2.5' refers to

- (a) average number of suspected particles in 1.0 cm³ of air
- (b) size of suspended particles in certain units
- (c) concentration of oxides of sulphur and nitrogen
- (d) concentration of suspended particles in 2.5 m³ of air

Q.43 Identify the scheme which aims to encourage Social Science Research in Policy relevant areas so as to provide vital inputs in policy formulation, implementation and evaluation

- (a) ICSSR Fellowship
- (b) Cognitive Initiatives
- (c) ICSSR - IMPRESS
- (d) ICSSR Research Projects

Q.44 Which of the following is not considered as a form of secondary storage?

- (a) Ram
- (b) Floppy Disk
- (c) Optical Disk
- (d) Flash Drive

Q.45 Which of the following devices enables a computer to transmit data over telephone lines?

- (a) CPU
- (b) Hub
- (c) Switch
- (d) Modem

Q.46 Which of the following is non-vehicular pollutant?

- (a) chlorofluorocarbon
- (b) carbon-monoxide
- (c) hydrocarbon
- (d) particulate matter

Q.47 The purpose of Gurukul system of education is to

- (a) Promote equality and excellence
- (b) Minimize stress in learning
- (c) Empowering for future learning
- (d) Encourage self-help

Q.48 Choose the set of non-renewable resources

- (a) Uranium, natural gas, soil
- (b) Natural gas, uranium, phosphates
- (c) Petroleum, uranium, geothermal energy
- (d) Shale gas, uranium, soil

Q.49 What is SWAYAM?

- (a) Non-Governmental Organisation
- (b) Digital Programme to achieve the principles of education
- (c) On-line platform
- (d) Name of a web site

Q.50 Which of the following diseases are due to polluted water?

- (a) Giardia
- (b) Dengue
- (c) Amoebiasis
- (d) Typhoid

Choose the correct answer from the options given below:

- (1) (a), (b) and (d)
- (2) (b), (c) and (d)
- (3) (a), (ti), (c) and (d)
- (4) (a), (c) and (d)